



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Sunday, July 23, 2017  
Issued: 0800 CT

**Day 1 Hazards:** Heavy rain/isolated flash flooding possible over NM.

A few strong storms possible over OK and N AR later today.

Hot temperatures continue over OK, TX and AR.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Jennifer McNatt  
817-978-1100 x 147**

# Key Points



## Today and Monday

- Isolated heavy rain/flash flooding possible over NM today
  - This heavy rainfall/isolated flash flood threat continues Monday over much of W NM
- A few strong storms possible later today over OK and N AR; gusty winds and hail are the main threats
- Hot temperatures will continue throughout much of the upcoming week

## Tuesday - Thursday

- Hot temperatures will continue
- Heavy rainfall threat/isolated flash flooding chances returns to NM by Thursday

## Tropical Weather Outlook

- Tropical cyclone formation is not expected during the next 5 days

# \*FEMA Region 6 Threat Matrix

Jul 23, 2017 - Jul 27, 2017

	SUN	MON	TUE	WED	THU
Severe Weather	OK, N AR				
Heavy Rain / Flash Flooding	NM	W NM			NM
Heat	OK, TX, AR	OK, TX, AR	OK, TX, AR	OK, TX, AR	OK, TX, AR
River Flooding					
Tropical Weather					

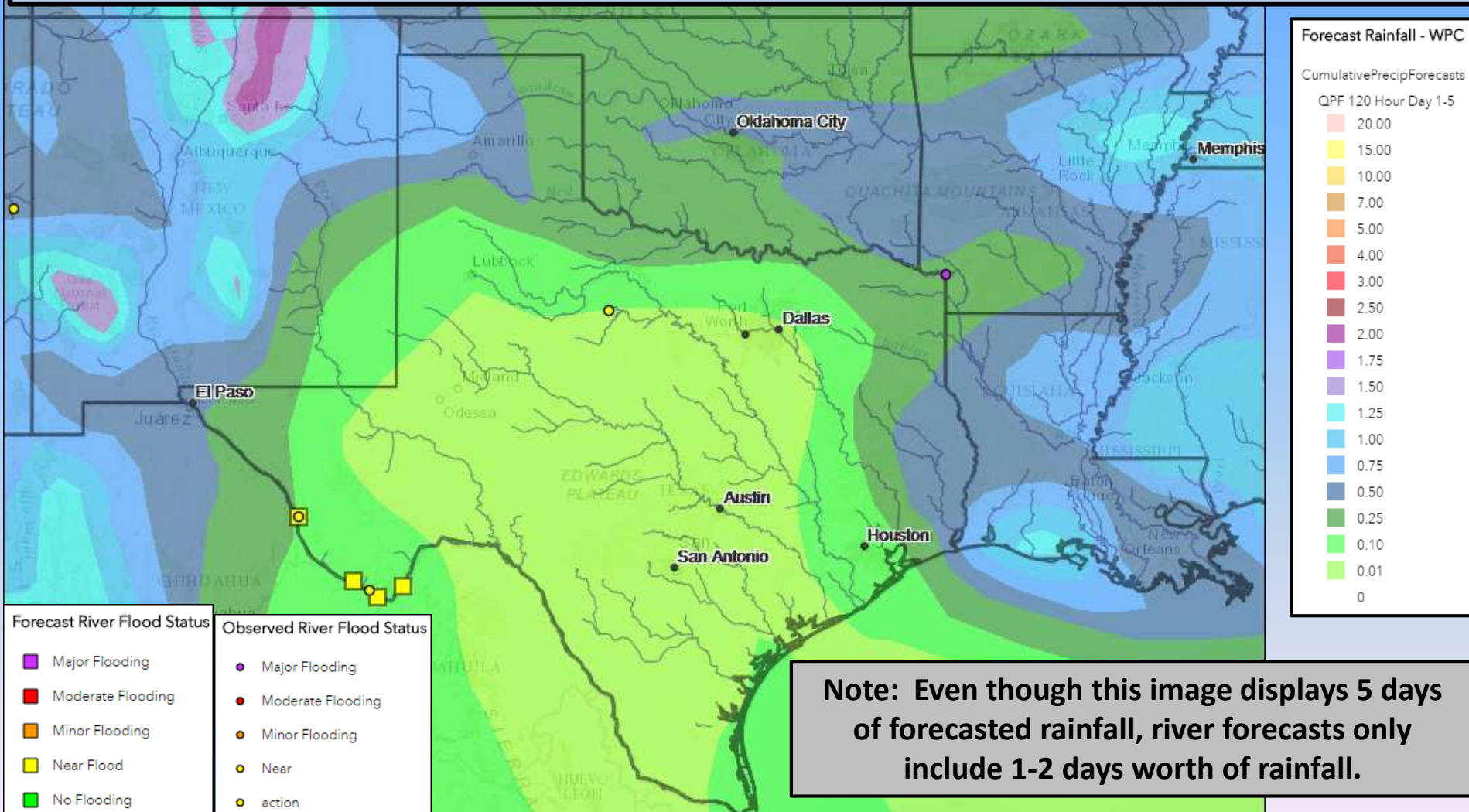
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

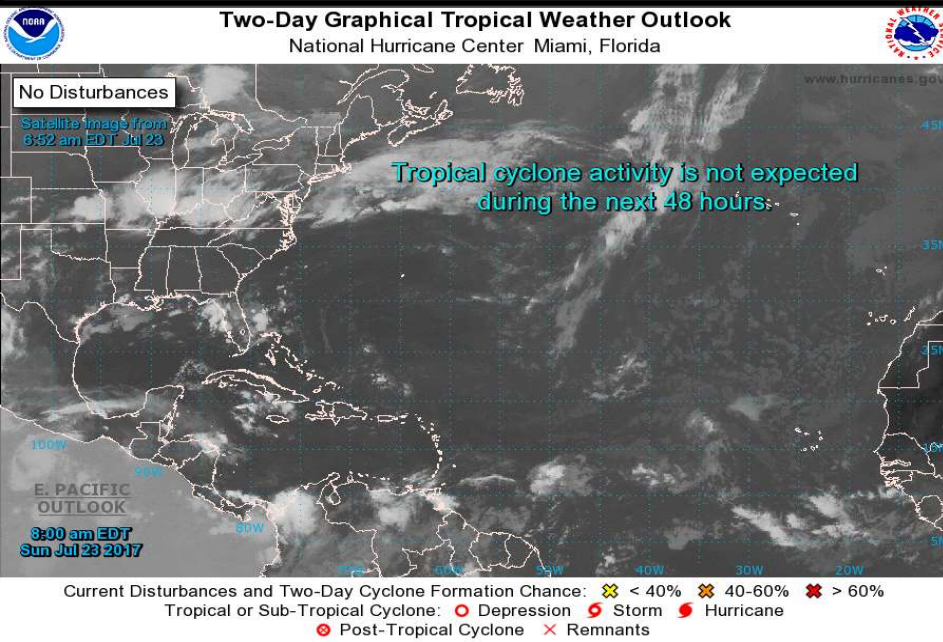
Monsoonal rainfall over NM may cause sharp rises on small streams, but mainstem river flooding is not expected.



For the latest on river flooding: <http://water.weather.gov/ahps>



# Tropical Weather Outlook



**Tropical cyclone formation is not expected during the next 5 days.**

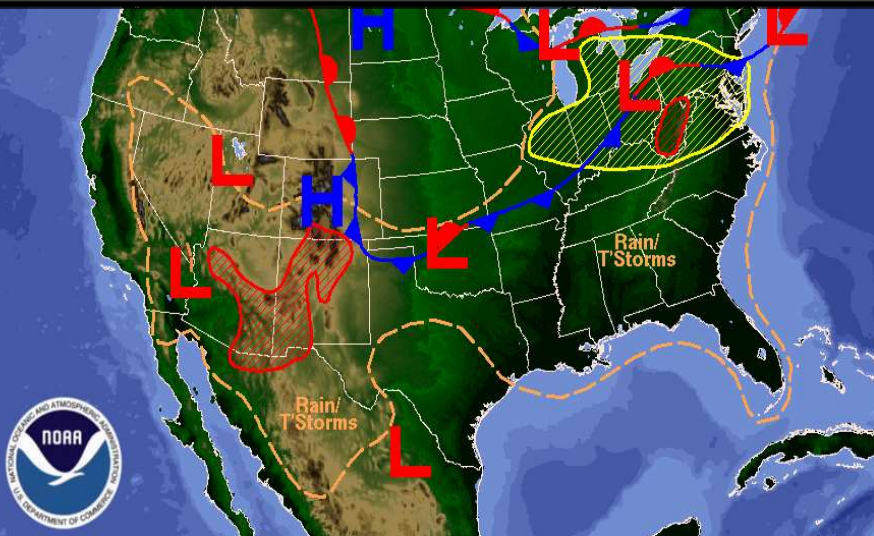


# Today's Weather

Isolated heavy rain/flash flooding possible over NM.

A few strong storms possible over OK and N AR later today; gusty winds and hail are the main threats.

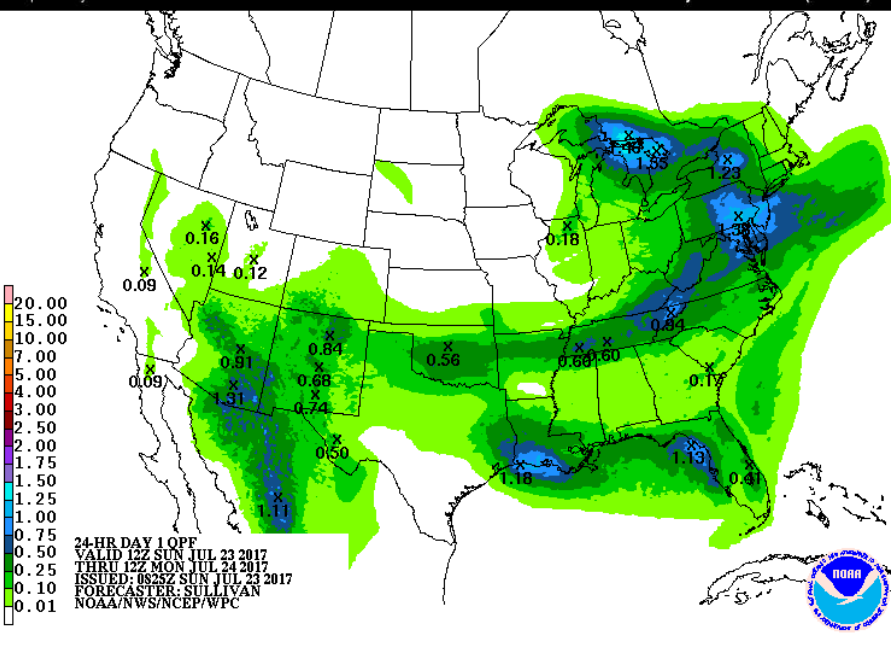
Hot temperatures continue over OK, TX & AR.



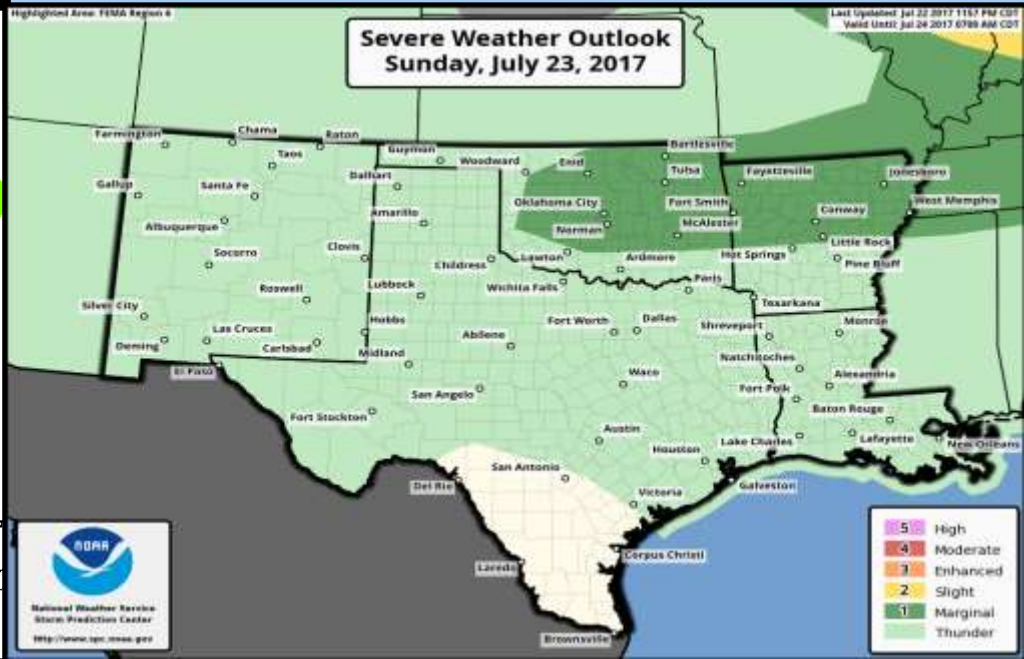
Day 1 National Forecast Chart

Valid Sun, Jul 23, 2017, issued 4:43 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Gerhardt with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)

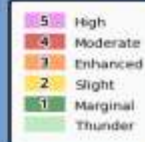


24-HR DAY 1 OUTFLOW  
VALID 12Z SUN JUL 23 2017  
THRU 12Z MON JUL 24 2017  
ISSUED: 0635Z SUN JUL 23 2017  
FORECASTER: SULLIVAN  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Sunday, July 23, 2017

Last Updated: Jul 22 2017 11:57 PM CDT  
Valid Until: Jul 24 2017 07:00 AM CDT

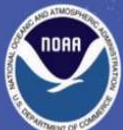




# Tomorrow's Weather

Isolated heavy rain/flash flooding possible over W NM.

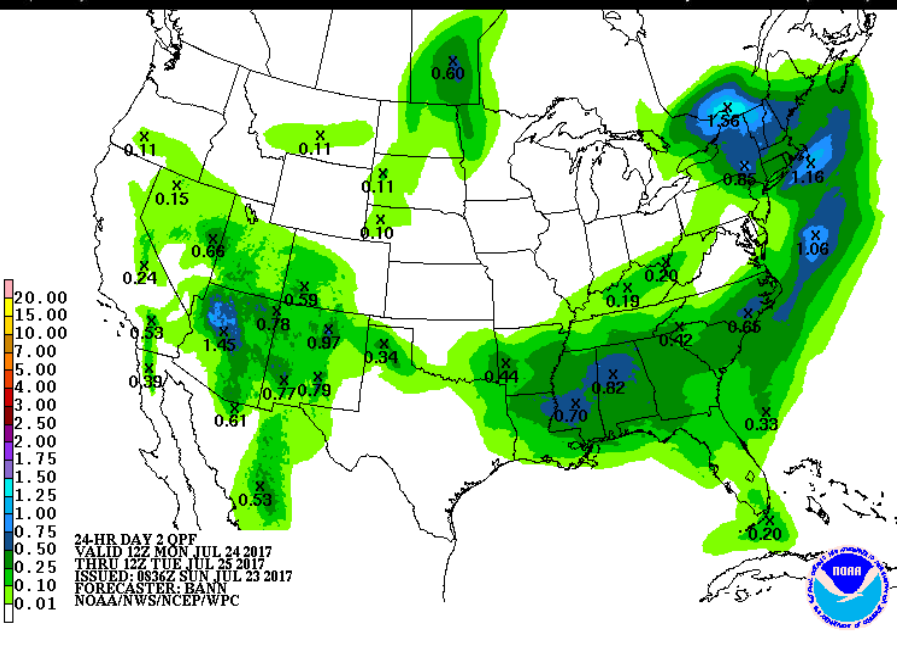
Hot temperatures continue over OK, TX & AR.



## Day 2 National Forecast Chart

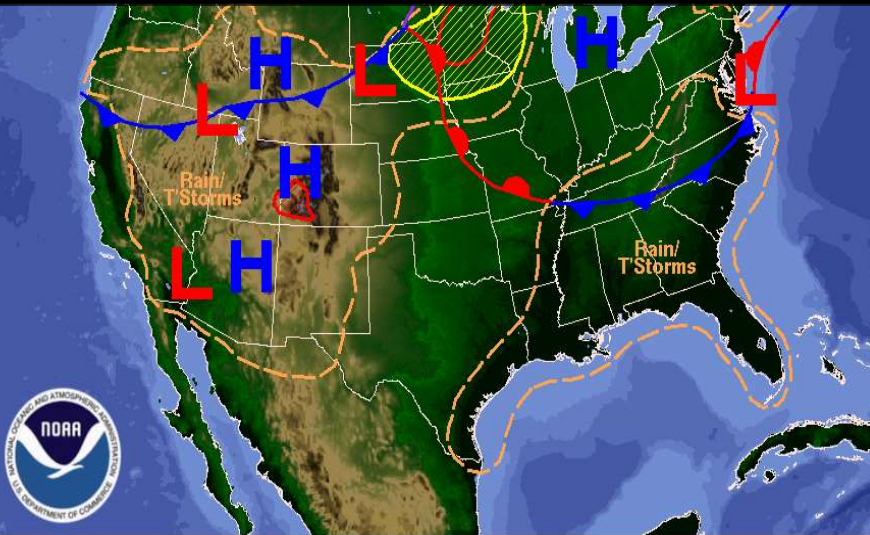
Valid Mon, Jul 24, 2017, issued 4:46 AM EDT Sun, Jul 23, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Gerhardt with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



# Tuesday's Weather

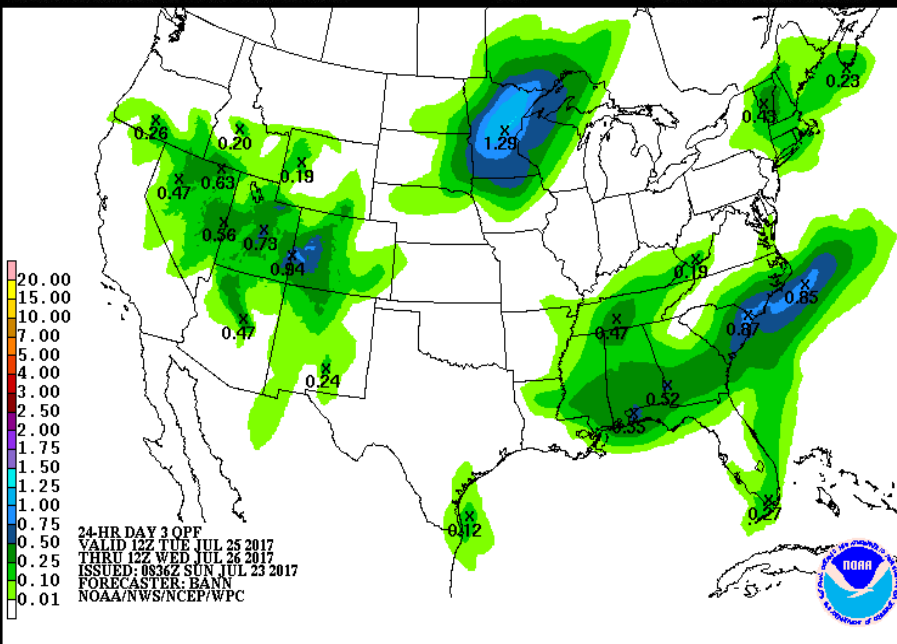
Hot temperatures continue over OK, TX & AR.



Day 3 National Forecast Chart

Valid Tue, Jul 25, 2017, issued 4:52 AM EDT Sun, Jul 23, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Gerhardt with WPC/SPC/NHC forecasts

Rain  
Rain and T'Storms  
Rain and Snow  
Snow  
Flash Flooding Possible (hatched)  
Severe T'Storms Possible (hatched)  
Freezing Rain Possible (hatched)  
Heavy Snow Possible (hatched)



24-HR DAY 3 OPF  
VALID 12Z FRI JUL 25 2017  
THRU 12Z WED JUL 26 2017  
ISSUED: 0836Z SUN JUL 23 2017  
FORECASTER: BANN  
NOAA/NWS/NCEP/WPC



Severe Weather Outlook  
Tuesday, July 25, 2017

Last Updated: Jul 23 2017 03:30 AM CDT  
Valid Until: Jul 26 2017 07:00 AM CDT

NOAA  
National Weather Service  
Storm Prediction Center  
http://www.spc.noaa.gov

5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder









# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



Isolated heavy  
rainfall/flash  
flooding  
possible  
Thursday into  
Friday

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

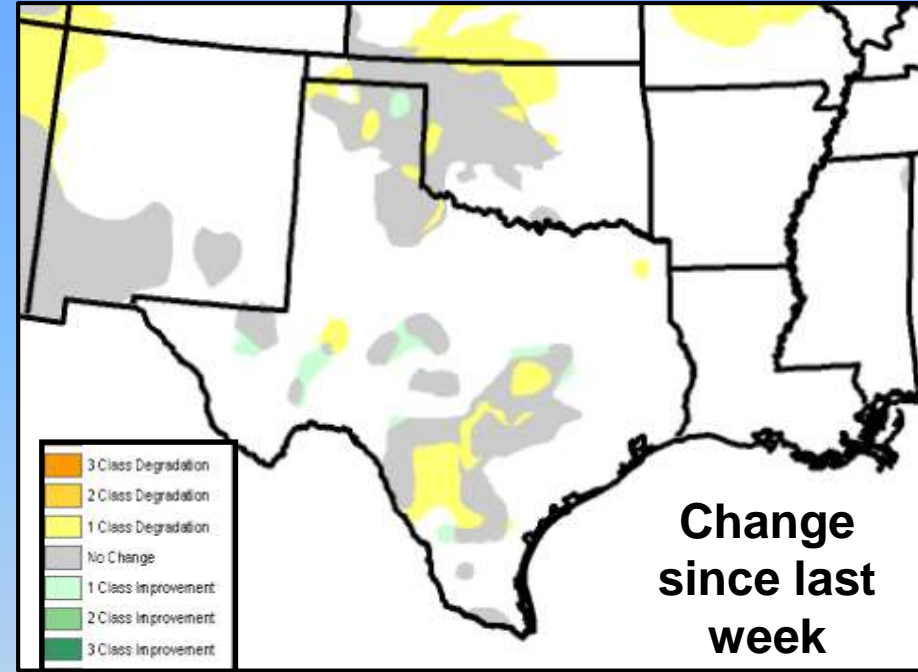
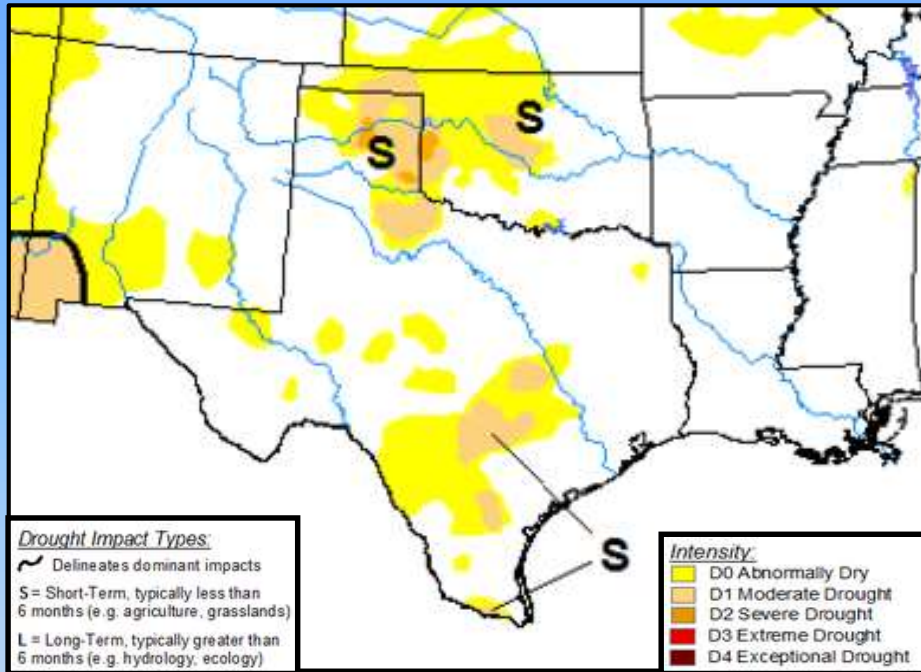
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released July 20, 2017

Data valid as of 7am CDT, Tuesday, July 18, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

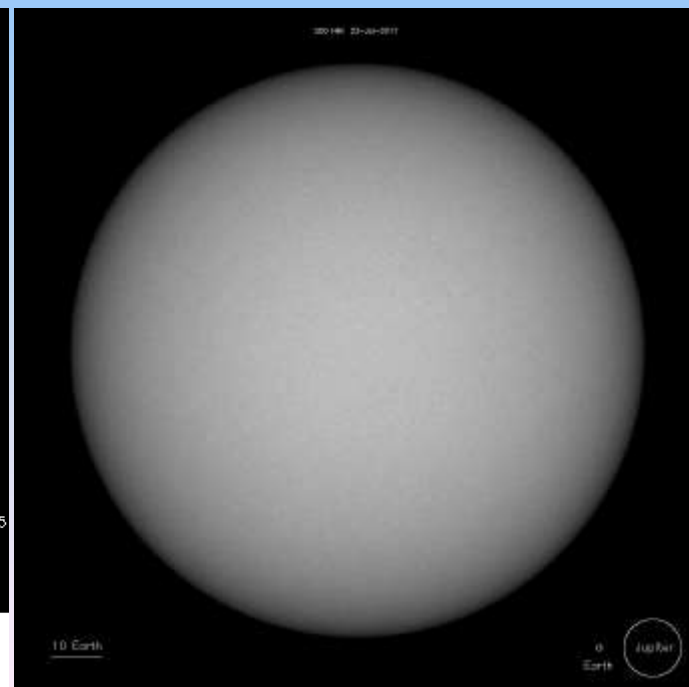
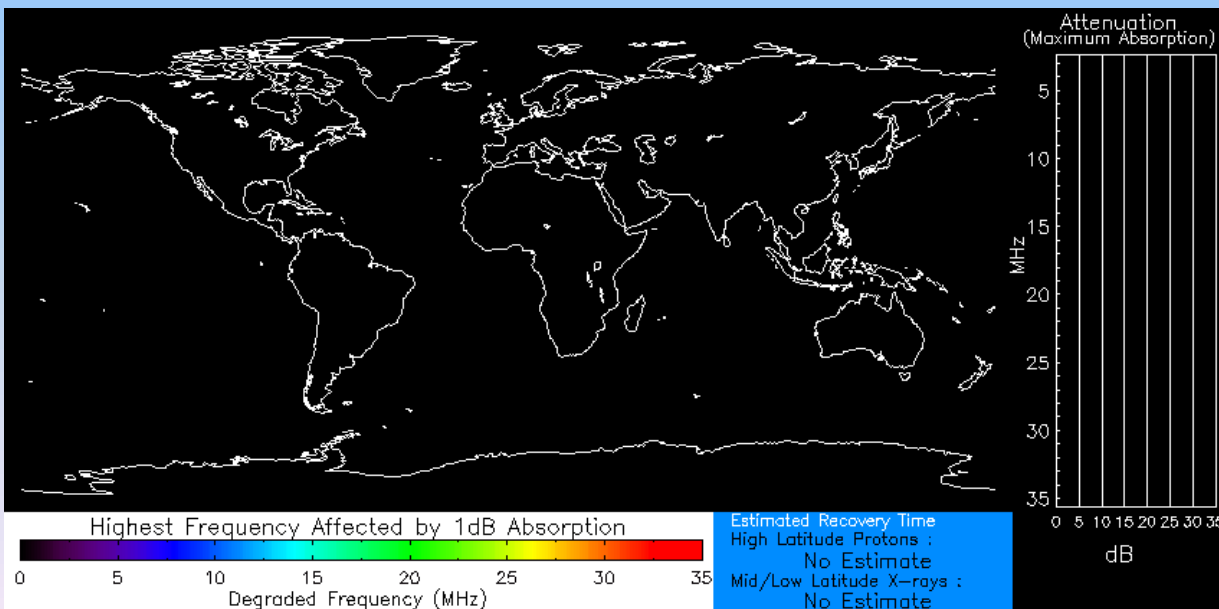
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>